

What is claimed is :

1. A tangential reversible cutting blade, comprising:
  - 5     - a prismatic body which is bordered by two opposed, identically shaped first surfaces (12, 14) and four identically shaped, interposed lateral surfaces (20),
    - four equal-length main cutting edges (28) on each of the first surface (12, 14) which are defined with one lateral face (20) each,
    - a raised web (22) on each lateral surface (20) with the four webs being symmetrical with a central plane (18) through the lateral surfaces (20),
    - a through mounting bore (16) coaxial with the axis through the centres of the first surfaces (12, 14),
    - metal-cutting faces on the lateral surfaces (20) which are defined by fillets (24, 26) adjacent to the main cutting edges (28) on either side of the associated web (22), and
    - cutting-tool flanks on the first surfaces (12, 14) which are defined by a spherical surface shape (30) of the first surfaces (12, 14) adjacent to the main cutting edges (28).
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    - 20    2. The reversible cutting blade as claimed in claim 1, characterized in that annular area portions (32) of the first surfaces (12, 14) that adjoin the through mounting bore (16) are plane-parallel.
    - 25    3. The reversible cutting blade as claimed in claim 1, characterized in that secondary cutting edges or wiper edges (38) are formed by recesses (34) of the corner areas between the lateral surfaces (20) and plane chamfers (36) at the end of the main cutting edges (28).

4. The reversible cutting blade as claimed in claim 3, characterized in that the plane chamfer (36) is bulged in a convex fashion.
5. The reversible cutting blade as claimed in claim 1, characterized in that the fillet (24, 26) is of a concave shape longitudinally.
6. A tangential reversible cutting blade, comprising:
  - a prismatic body which is bordered by two opposed, identically shaped first surfaces (12a, 14a) and four identically shaped, interposed lateral surfaces (20a),
  - four equal-length main cutting edges (28a) on each of the first surface (12a, 14a) which are defined with one lateral face (20a) each,
  - a raised web (22a) on each lateral surface (20a) with the four webs being symmetrical with a central plane (18a) through the lateral surfaces (20a),
  - a through mounting bore (16a) coaxial with the axis through the centres of the first surfaces (12a, 14a),
  - metal-cutting faces on the lateral surfaces (20a) which are defined by fillets (24a, 26a) adjacent to the main cutting edges (28a) on either side of the associated web (22a), and
  - 20 - cutting-tool flanks on the first surfaces (12a, 14a) which are defined by a spherical surface shape (30a) of the first surfaces (12a, 14a) adjacent to the main cutting edges (28a).
7. The reversible cutting blade as claimed in claim 6, characterized in that annular area portions (32a) of the first surfaces (12a, 14a) that adjoin the through mounting bore (16a) are plane-parallel.
8. The reversible cutting blade as claimed in claim 6, characterized in that secondary cutting edges or wiper edges (38a) are formed by recesses (34a) of

the corner areas between the lateral surfaces (20a) and plane chamfers (36a) at the end of the main cutting edges (28a).

9. The reversible cutting blade as claimed in claim 8, characterized in that the  
5 plane chamfer (36a) is bulged in a convex fashion.
10. The reversible cutting blade as claimed in claim 6, characterized in that the fillet (24a, 26a) is of a concave shape longitudinally.

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